

PATENT ABSTRACTS OF JAPAN

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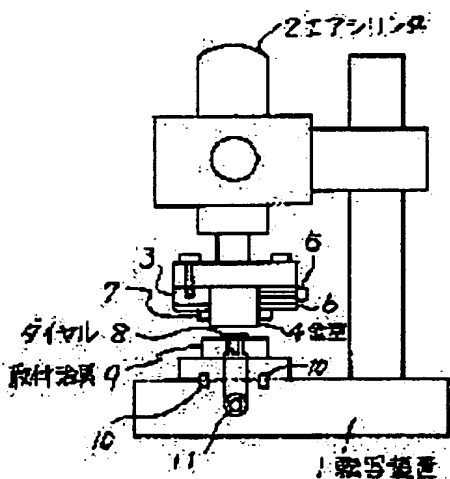
(21)Application number : 04-115012 (71)Applicant : SEIKO INSTR INC

(22)Date of filing : 07.05.1992 (72)Inventor : KURIHARA MISAO

(54) MANUFACTURE OF DIAL SURFACE DESIGN

(57)Abstract:

PURPOSE: To contrive efficiency of transcription by applying heat to press on the surface of a dial in a design-worked metal mold. CONSTITUTION: A surface-worked metal mold 4 is fixed to a transcription device body 1 with a set screw 5 through a metal mold guide 3 and an insulation plate 6 is fixed with a band heater 7 through the metal mold 4. The metal mold 4 heated with the band heater 7 is controlled at certain temperature with the use of a sensor, lowered with an air cylinder 2 and pressed on the acrylic paint face of a dial 8. Thereby the painted face of the dial 8 is thermoplastically deformed, the design of the metal mold is



transcribed and a clear polish design is obtained.

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